L Number	Hits	Search Text	DB	Time stamp
2	89	"5456000"	USPAT	2003/11/03 13:40
3	1	5456000.pn.	USPAT	2003/11/03 14:24
4	9	(matrix with gel$4 with inorganic near4 (liquid or solvent))	USPAT	2003/11/03 14:33
5	0	(matrix with swell$4 with inorganic near4 (liquid or solvent))	USPAT	2003/11/03 14:28
6	0	(matrix with swell$4 with inorganic near6 (liquid or solvent))	USPAT	2003/11/03 14:28
7	96	(matrix near5 polymer$4 with inorganic near6 (liquid or solvent))	USPAT	2003/11/03 14:43
8	69	((matrix near5 polymer$4 with inorganic near6 (liquid or solvent))) and @pd<19981020	USPAT	2003/11/03 14:44
9	773	matrix with gel$4 with aqueous	USPAT	2003/11/03 14:33
10	31	(matrix with gel$4 with aqueous) and 429.clas.	USPAT	2003/11/03 14:33
11	18	((matrix with gel$4 with aqueous) and 429.clas.) and @pd<19981020	USPAT	2003/11/03 14:33
25	101	matrix near5 polymer$4 with gel$4 with aqueous	USPAT	2003/11/03 14:44
26	62	(matrix near5 polymer$4 with gel$4 with aqueous) and @pd<19981020	USPAT	2003/11/03 14:47
27	3	((matrix near5 polymer$4 with gel$4 with aqueous) and @pd<19981020) and 429.clas.	USPAT	2003/11/03 14:44

(3)

L9 ANSWER 3 OF 3 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD
AN 1994-212521 [26] WPIDS
DNN N94-167388 DNC C94-097498
TI ***Rechargeable*** dry ***lithium*** battery - contains heat resistant, coaxially placed rolled strips for improved safety..
DC L03 X16
PA (NITE) NIPPON TELEGRAPH & TELEPHONE CORP
CYC 1
PI JP 06150973 A 940531 (9426)* 4 pp H01M010-40
ADT JP 06150973 A JP 92-319392 921104
PRAI JP 92-319392 921104
IC ICM H01M010-40
AB JP06150973 A UPAB: 19940817
The equipment comprises of a cylindrical container (1) inside of which several ***layers*** of strips (2-6) are coaxially placed. The negative electrode (2) forming the outermost ***layer*** is fol- low in the order of a separator (3), positive electrode (4), ***lithium*** active material (5), separator ***lithium*** compound ***paste*** as active material (6) and so on. Thus negative electrode takes 3 ***layer*** structure arranged with active material on either side. Th ***electrolyte*** spilling is avoided by the use of a ***lithium*** compound ***paste*** .
ADVANTAGE - The battery is capable of high electrical storage density. Low thermal effects and high reliability. Safety is improved.
Dwg.2/5
FS CPI EPI
FA AB; GI
MC CPI: L03-E03
EPI: X16-E08A; X16-K

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(4)

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1999 ACS
AN 1998:656001 CAPLUS
DN 129:262806
TI Manufacture of electrodes for secondary nonaqueous ***electrolyte*** batteries
IN Yoshida, Hiroaki; Terasaki, Masanao
PA Japan Storage Battery Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM H01M004-04
ICS H01M010-40
CC 52-2 (Electrochemical, Radiational, and Thermal Energy Technology)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10270023	A2	19981009	JP 97-75866	19970327
	CN 1198023	A	19981104	CN 98-101090	19980326
PRAI	JP 97-75866	19970327			

AB The electrodes, having an active mass ***paste*** contg. a binder an a solvent applied on a collector, are prepd. by repeatedly applying the ***paste*** as ***thin*** ***layers*** on the collector and drying the ***paste*** after each application.
ST secondary battery electrode manuf ***paste*** application
IT Battery electrodes
(manuf. of ***paste*** type electrodes by multiple ***paste*** application and drying for secondary ***lithium*** batteries)
IT Carbonaceous materials (technological products)
RL: DEV (Device component use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(manuf. of ***paste*** type electrodes by multiple ***paste*** application and drying for secondary ***lithium*** batteries)
IT 12190-79-3, Cobalt ***lithium*** oxide (CoLiO2)
RL: DEV (Device component use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(manuf. of ***paste*** type electrodes by multiple ***paste*** application and drying for secondary ***lithium*** batteries)

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